Monarch® 938™ Verifier
Product Specification

Monarch®
Products and Services

- Assure High Quality Bar Codes
- Performs Industry Standard Bar Code Tests
- Fully Integrated Printer Interface
- Used with 9855 , 9855™RFID or 9860 Printers
- Rugged Stand to assure Alignment

Standard Features

Dimensions:
Height – 2.4" (61 mm)
Width – 4.4" (112 mm)
Depth – 5.2" (132 mm)
Weight (Verifier only) – 2.0 lbs. (0.9 kg)
Shipping Wt. (w/ stand) – 15 lbs. (6.8 kg)

Supported Bar Code:
Code 128, Code 39, Code 93, Codabar, Interleaved 2 of 5, UPC versions A and E (including +2 and +5), EAN-13 and EAN-8 (including +2 and +5)

Communications Interface:
DB 9 pin (male) connecting to printer serial port with baud rates up to 115200

Display:
Five LEDs – Power/Sync, Calibration, Read and 2 programmable

Warranty:
One (1) year parts and labor (ship-in).
Full written warranty statement is available on request.

Environment Ranges

Operating Temperature:
40° to 104° F (4° to 40° C)

Storage:
-4°F to 140°F (-20°C to 60°C)

Humidity/Operating and Storage:
10% to 90% non-condensing

Performance

Laser:
Focus Distance – 8" (203 mm)
X Dimension – 0.0067" (0.17 mm) minimum
Wavelength – 650-670 nm

Speed:
Verifies bar codes at print speeds up to 12 ips

Power Source:
Supplied by the printer, no external power is required

Bar Code Verification:
ANSI Method, Traditional Method, Encoded data format checks, laser scanning type analyses

Stores & Uploads:
ANSI grade data

Special Considerations

- Support parallel (picket fence) bar codes only
- Bar code must be in the beam for at least 5 scans
- May require a reduction in print speed based upon bar code height
- Maximum of four parallel bar codes across
- Minimum horizontal gap between codes 0.5" (13 mm)
- Minimum feed length for verification is 1.2" (30 mm)
- Maximum number of codes per label is 10

- Allow a 0.5" (13 mm) no scan zone at trailing of each label
- Does not work with 926™ knife
- For use with 9855®, requires metal cover or plastic verifier cover
- Printer must be configured as verifier-ready
- Documentation available at **www.monarch.com**

AVERY DENNISON